

Title (en)  
DEVICE FOR RECEIVING ONE TOOL SPINDLE BEARER FOR A DRIVING APPARATUS

Publication  
**EP 0401720 A3 19910403 (DE)**

Application  
**EP 90110528 A 19900602**

Priority  
DE 3918903 A 19890609

Abstract (en)  
[origin: EP0401720A2] The device has at least two clamping elements (27) with heads (45) with which a tool-spindle carrier (12) can be secured in place on a vertical bearing surface of a drive unit (14). The head (45) of the clamping element (27) has as a centring part at least one clamping and centring surface (48, 49) lying on a tapered circumference. The clamping and centring surface (48, 49) interacts with at least one tapered circumferential surface (44) of the tool-spindle carrier (12). The tool-spindle carrier (12) can thereby be centred and clamped in a single step. No additional components are required for centring the tool-spindle carrier (12) on the drive unit (14). The device permits high reproducibility in a simple clamping and centring action. <IMAGE>

IPC 1-7  
**B23Q 3/00**

IPC 8 full level  
**B23Q 1/00** (2006.01); **B23Q 3/157** (2006.01)

CPC (source: EP)  
**B23Q 1/0063** (2013.01); **B23Q 2003/1558** (2013.01)

Citation (search report)  
• [Y] DE 2835965 A1 19800221 - DECKEL AG FRIEDRICH  
• [Y] DE 2526902 A1 19761223 - STAMA STARK MASCHF GOTTHILF  
• [AD] DE 2739810 C2 19880211  
• [A] DE 3527105 A1 19860206 - KYORITSU SEIKI CORP [JP]  
• [A] DD 239748 A1 19861008 - WERKZEUGMASCH FORSCHZENT [DD]  
• [A] DE 2233657 A1 19740124 - LUDWIGSBURGER MASCH BAU

Cited by  
CN113926872A

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0401720 A2 19901212; EP 0401720 A3 19910403; EP 0401720 B1 19930825**; AT E93435 T1 19930915; DD 297927 A5 19920130; DE 3918903 A1 19901213; DE 3918903 C2 19930121; DE 59002435 D1 19930930

DOCDB simple family (application)  
**EP 90110528 A 19900602**; AT 90110528 T 19900602; DD 34148590 A 19900608; DE 3918903 A 19890609; DE 59002435 T 19900602